

Datasheet for ABIN5961044
anti-GABBR1 antibody



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1 Image

Overview

Quantity:	200 µL
Target:	GABBR1
Reactivity:	Human, Rat, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABBR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from the C-terminal region of human GABAB R1
Isotype:	IgG
Specificity:	DJ271M21.1.1,dJ271M21.1.2,FLJ92613,GABA-B receptor 1,GABA-B-R1,GABA-BR1,GABAB R1,GABAB subunit 1c,GABABR1,GABBR1 3,GABBR1,GABR1,Gamma aminobutyric acid (GABA) B receptor 1,Gamma-aminobutyric acid type B receptor subunit 1,Gb1,GPRC3A,Seven transmembrane helix receptor
Purification:	Affinity purification

Target Details

Target:	GABBR1
Alternative Name:	GABAB R1 (GABBR1 Products)
Background:	Gamma-aminobutyric acid (GABA) is the main inhibitory neurotransmitter in the mammalian

Target Details

central nervous system. GABA exerts its effects through ionotropic [GABA(A/C)] receptors, to produce fast synaptic inhibition, and metabotropic [GABA(B)] receptors, to produce slow, prolonged inhibitory signals. The GABA(B) receptor consists of a heterodimer of two related 7-transmembrane receptors, GABA(B) receptor 1 and GABA(B) receptor 2. The GABA(B) receptor 1 gene is mapped to chromosome 6p21.3 within the HLA class I region close to the HLA-F gene. Susceptibility loci for multiple sclerosis, epilepsy, and schizophrenia have also been mapped in this region. Alternative splicing of this gene generates multiple transcript variants.

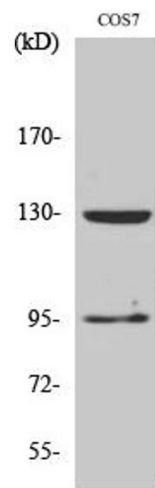
Molecular Weight:	108kDa
Gene ID:	2550
UniProt:	Q9UBS5
Pathways:	Positive Regulation of Peptide Hormone Secretion , cAMP Metabolic Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:20000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1.